



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, February 03, 2009

Major Developments

Update: More than 300,000 Remain Without Power across U.S. Midwest February 3

An estimated 306,683 customers remained without power in the U.S. Midwest today, one week after ice storms cut power to nearly 1.7 million. Included in the outages were nearly 160,000 Kentucky customers and almost 100,000 Arkansas customers. The following table lists peak outages and restoration figures, based on latest available numbers.

U.S. Midwest Customer Outages January 27-February 3, 2009			
Electric Utility	State	Peak	Latest Reported
Arkansas Electric Cooperatives	AR	300,000	63,699
Entergy Arkansas	AR	110,324	33,946
AEP SWEPCO	AR	59,000	817
Louisville Gas & Electric	KY	205,000	31,000
Kentucky Utilities	KY	199,000	64,000
AEP Kentucky Power	KY	32,372	369
Duke Energy	KY	17,445	0
Kentucky Cooperatives	KY	148,071	36,700
Kenergy	KY	40,000	25,809
AEP Ohio	OH	124,118	3,546
Duke Energy	OH	42,626	0
South-Central Power	OH	27,912	38
Duke Energy	IN	67,797	0
Vectren Energy	IN	56,000	6,000
Jackson REMC	IN	4,000	0
Missouri Electric Cooperatives	MO	63,000	19,000
Ameren	MO	35,964	5,634
Missouri Public Utilities Alliance	MO	27,000	9,250
Appalachian Power	WV	46,217	0
Allegheny Power	WV	7,644	33
Oklahoma Electric Cooperatives	OK	38,788	6,355
OG&E	OK	10,500	0
AEP Oklahoma	OK	1,500	0
Ameren	IL	11,772	480
Appalachian Power	VA	8,829	0
Knoxville Utilities Board	TN	6,589	0
Allegheny Power	PA	6,310	7
TOTAL*		1,697,778	306,683

*Total outages only represent electric utilities listed in this table.

Sources:

<http://uk.reuters.com/article/usTopNews/idUKTRE5115AQ20090203>
Arkansas Electric Cooperatives
<http://www.aecc.com/files/pdf/newsrelease/2009/020309a.pdf>
Entergy Arkansas: <http://www.entergy-arkansas.com/outages/ar.aspx>
AEP SWEPSCO:
<http://www.swepco.com/news/outages/viewstorm.asp?stormName=January%2027%20Ice%20Storm>
Kentucky Utilities: <http://www.eon-us.com/storm/default.asp>
Louisville Gas & Electric: <http://www.eon-us.com/storm/default.asp>
AEP Kentucky Power: <http://www.kentuckypower.com/news/outages/>
Duke Energy-Kentucky: <http://www.duke-energy.com/kentucky/outages/current.asp>
Kentucky Electric Cooperatives: <http://psc.ky.gov/ors/OutageReport.aspx>
Kenergy Corp.: <http://psc.ky.gov/ors/OutageReport.aspx>
AEP Ohio: <http://www.aepohio.com/news/outages/default.asp>
Duke Energy-Ohio: <http://www.duke-energy.com/ohio/outages/current.asp>
South-Central Power: http://www.southcentralpower.com/OW/ow_map.aspx?county=0
Duke Energy-Indiana: <http://www.duke-energy.com/indiana/outages/current.asp>
Jackson REMC: <http://www.jacksonremc.com/outages.htm>
Kenergy: <http://www.istockanalyst.com/article/viewiStockNews/articleid/2996435>
Missouri Electric Cooperatives: <http://sema.dps.mo.gov/SitReps/2009/SITREP%20020220095pm.pdf>
<http://sema.dps.mo.gov/SitReps/Situation%20Reports.htm>
Ameren Missouri: http://www.ameren.com/Outage/ADC_MissouriOutageInformation.asp
Appalachian Power: <http://www.appalachianpower.com/news/outages/default.asp>
Allegheny Power: http://app.alleghenyenergy.com/outagestatus/OMS_Customer_Option.aspx
Oklahoma Electric Cooperatives:
<http://www.kfsm.com/Global/story.asp?S=9771751>
OG&E: <http://www.oge.com/systemwatch/>
AEP Oklahoma: <http://www.psoklahoma.com/news/outages/default.asp>
Ameren Illinois: http://www.ameren.com/Outage/ADC_IllinoisOutageInformation.asp
Knoxville Utilities Board: http://www.kgis.org/website/kub_outage/mainpage.htm
Vectren Energy: http://www.news25.us/dsp_story.cfm?storyid=11065&RequestTimeout=500

Electricity

Progress Energy's 834 MW Crystal River Nuke Unit 3 in Florida Shut by February 3

The company shut the unit to test a feedwater valve, but expected to restart it later February 3, a spokeswoman said. The valve-in-question failed to open, she said, as operators ramped the unit up from a previous outage. Pump failures forced shut the unit on January 27. The restart began on January 29. The Nuclear Regulatory Commission reported that on the morning of February 2 the unit was operating at 57 percent.

Bloomberg News, 07:52 February 3, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

NYPA's 454 MW Poletti Gas/Oil-fired Unit in New York Shut January 30

Reuters, 14:34 February 2, 2009

Reliant's 320 MW Etiwanda Gas-fired Unit 3 in California Shut by February 2

According to the California Independent System Operator, the unit experienced an unplanned outage by February 2.

<http://www.caiso.com/unitstatus/data/unitstatus200902021515.html>

Update: SME Abandons Plans for 250 MW Coal-fired Power Plant in Montana—to Construct 120 MW Gas-fired Plant

Southern Montana Electric Generation and Transmission Cooperative (SME) shelved its planned 250 MW coal-fired power plant in Montana, and instead plans to construct a 120 MW gas-fired power plant, a company official said. SME also expects to install at least 6 MW of wind turbines. The proposed coal-fired plant had faced opposition from environmental groups, and the SME official cited “regulatory uncertainties” in the company’s decision to scrap the plans. He said the natural gas plant’s first phase, or 80 MW, should be complete by late 2011.

<http://finance.yahoo.com/news/Mont-utility-drops-apf-14226451.html>

Update: TANC Says 600-Mile Transmission Project in California Could Allow for Integration of at Least 1,600 MW of New Renewable Power

The Transmission Agency of Northern California (TANC) said its proposed TANC Transmission Project (TTP) would enhance the Northern California's electric grid reliability, and could allow for the integration of at least 1,600 MW of new renewable power. The TANC announced yesterday it had completed a year-long collaborative review of the project's potential impact. Included in the review were other utilities, generation developers and government agencies. The TTP would consist of about 600 miles of new and upgraded high-voltage transmission facilities.

http://www.tanc.us/component/option.com_docman/task.doc_download/gid.114/Itemid.99999999/

New England Governors to Push National Government for Federal-Regional Partnership on Energy Issues

Six New England Governors plan to press congressional leaders and President Obama to work alongside their states in developing a regional-federal partnership on energy issues, according to a press release from the New England Governors' Conference. The Governors hope to improve and expand the region's transmission capacity and renewable energy development.

<http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=104&STORY=/www/story/02-02-2009/0004964644&EDATE=>

AES Plans 630 MW Coal-fired Expansion at Shady Point Facility in Oklahoma

AES Corp. is considering plans to boost capacity by 630 MW at its existing, 320 MW coal-fired Shady Point power plant in Oklahoma, a company spokesman said.

<http://www.istockanalyst.com/article/viewiStockNews/articleid/2999162>

<http://www.swtimes.com/articles/2009/02/01/news/news01.txt>

Iberdrola Renewables Completes 101 MW Hay Canyon Wind Project in Oregon

Iberdrola Renewables said that Snohomish County Public Utility District would purchase the facility's output, beginning in early 2009, according to a February 3 release.

http://www.iberdrolarenewables.us/rel_09.02.03.html

Wheelabrator Technologies to Build, Operate 55 MW Waste-to-Energy Facility in Maryland

The facility, slated for 2014 completion, would be the first new greenfield waste-to-energy facility built in the U.S. in more than 10 years, according to a press release.

http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/02-03-2009/0004965112&EDATE=

Petroleum

Update: USW, Refiners Cite Progress in Contract Negotiations

BP Resolves Local Issues with Workers at Whiting, Indiana Refinery

The United Steelworkers (USW) and industry representatives appeared close to reaching a deal February 3, potentially easing the threat of a refinery strike, sources indicated. Motiva Enterprises was expected to bring Shell's latest contract bid to the local union at Motiva's Port Arthur, Texas refinery. If that union and a national committee agree to the contract's terms, then other union locals would move to review the proposal. Already, BP and its Whiting, Indiana USW constituency reached a tentative deal on local issues for the 410,000 b/d refinery. The USW represents 30,000 U.S. refinery workers

Bloomberg News, 12:45 February 3, 2009

Bloomberg News, 01:49 February 3, 2009

http://www.nwi.com/articles/2009/02/03/news/lake_county/doc6e4bab99908f1c34862575520002f24d.txt

<http://www.platts.com/Oil/News/8328814.xml?p=Oil/News&sub=Oil>

<http://www.platts.com/Oil/News/8329694.xml?p=Oil/News&sub=Oil>

Update: Alon to Fix Alkylation Unit in Third Quarter 2009 at 67,000 Big Spring, Texas Refinery—Facility Will Resume at Normal Operations after 2008 Fire

Alon expects to fix an alkylation unit in the third quarter of 2009 at its 67,000 b/d Big Spring Texas refinery, the company said. The facility shut due to a fire in 2008. Pending the alkylation unit's return, the facility will resume normal service.

Bloomberg News, 12:03 February 3, 2009

Update: Marathon Postpones to mid-2012 Plans to Expand 102,000 b/d Detroit, Michigan Refinery

Marathon postponed the expected start-date for its Detroit Heavy Oil Upgrading Project to mid-2012, citing anticipated spending cuts for 2009, the company said today. The project will increase Detroit's capacity to process Canadian oil sands crude, and boost the facility's total capacity to about 115,000 b/d. Marathon broke ground in mid-2008, and originally expected to finish work in late 2010.

<http://www.reuters.com/article/rbssEnergyNews/idUSN0350860020090203>

BP Plans Ultracracker Depropanizer Restart at 467,720 b/d Texas City, Texas Refinery February 2-3

BP plans to restart a depropanizer, associated with the ultracracker, the company said in a filing with state regulators. The unit was down for repairs, but the filing did not specify a time frame for the shutdown. BP expected the restart to stretch from last night, February 2, until tonight, February 3.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119624>

Reuters, 08:38 February 3, 2009

Buckeye Reports Leak along Ethylene 6-Inch Valve Body Fitting in U.S. Gulf Coast February 2

Buckeye shut its Gulf Coast pipeline system after "an ethylene 6-inch valve body fitting... developed a leak that created a noticeable ice ball that appears to be from corrosion," the company said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119625>

Natural Gas

Nothing to report.

Other News

Update: About 2.7 Billion Gal/Yr of Ethanol Production Shut on Poor Profits—ADM

Companies have shut an estimated 2.7 billion gallons/year of ethanol production, or 21 percent of U.S. capacity, on lagging demand and profit margins, Archer Daniels Midland Co. (ADM) said today. Ethanol output peaked in 2008 at 12.9 billion gallons/year, and about 10.2 billion gallons/year of facilities remain online today, it said. The ADM figure was higher than that released by Ethanol Producer Magazine, which said some 1.83 billion gallons/year is offline.

Reuters, 12:34 February 3, 2009

http://www.ethanolproducer.com/article.jsp?article_id=5304

Energy Prices

U.S. Oil and Gas Prices February 3, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	40.61	43.40	88.97
NATURAL GAS Henry Hub \$/Million Btu	4.48	4.62	8.10

Source: Reuters

Energy Notes

Duke Energy Reports 24,318 Customers Without Power in North Carolina February 3

As of 12:53 PM: <http://www.duke-energy.com/outages/stats/>

Wyoming Interstate Company Declares Force Majeure after Damage to Douglas Compressor Station February 2—Incident Reduces Natural Gas Throughput Capacity along Medicine Bow Lateral in Wyoming

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CP&sSubCategory=Critical&sNoticeId=749>

Harsh Weather Forces Shut Mexico's Dos Bocas Oil Port in Gulf of Mexico February 3

Reuters, 11:33 February 3, 2009

Citing Violence, Nigerian Oil Workers Warn of Possible Strike, Beginning February 9

Reuters, 07:53 February 3, 2009

Update: Samson Resources Postpones Planned Gas-fired Power Plant in North Dakota, Citing Lower Oil Prices

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=11936819

Update: After Previous Rejection, Weaver's Cove Energy Submits to Coast Guard New Plan for Offshore Berthing at Proposed LNG Terminal in Massachusetts

<http://www.bostonherald.com/business/general/view.bg?articleid=1149499&src=business&position=recent>

DOE Researchers Find New Enzyme that May Help Get Rid of Toxic Pollution, Radioactive Waste

<http://www.bloomberg.com/apps/news?pid=newsarchive&sid=auJrg4AWJ8E0>

Ford Motor Eyes 2012 for Plug-in Hybrid Electric Vehicles—Says Vehicle Will Travel 30 Miles on Battery before Switch to Gasoline

http://www.usatoday.com/money/autos/2009-02-02-ford-plug-in-hybrid_N.htm

Chevron Corp Postpones Plans for 3,500 b/d Heavy Oil Processing Project at 330,000 b/d Pascagoula, Mississippi Refinery

http://www.wxvt.com/Global/story.asp?S=9778049&nav=menu1344_2

Corning Natural Gas Corporation Completes Natural Gas Pipeline from Marcellus Shale in Pennsylvania

<http://www.corninggas.com/index.asp?pageID=7&nid=70&sortField=-1>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

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<http://www.oe.netl.doe.gov/ead.aspx>

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